

Amendments to the Specification

Please replace paragraph [0001] with the following amended paragraph:

[0001] The present invention relates to a method for manufacturing a cast brake disk ~~according to Claim 1~~ and to a brake disk made of a cast material according to the preamble of Claim 6.

Please add the following new heading before paragraph [0002]:

BACKGROUND

Please add the following new heading before paragraph [0005]:

SUMMARY OF THE INVENTION

Please replace paragraph [0005] with the following amended paragraph:

[0005] ~~The An~~ object of the present invention is to provide a method for manufacturing a brake disk and a brake disk which considerably reduces shielding and which may cost-effectively be suitable for mass production.

Please delete paragraph [0006].

Please replace paragraph [0014] with the following amended paragraph:

[0014] ~~The object of the present invention is furthermore achieved by a brake disk according to the present invention as recited in Claim 6. The present invention further provides a brake disk~~ is characterized by the fact that a brake disk chamber and a friction ring are joined by two or more pairs of bodies inserted into one another and axially movable with respect to one another. The brake disk chamber is joined to one of the two bodies inserted into one another, and the friction ring is joined to the other body. Since the two bodies are axially movable with respect to one another, the brake disk chamber and the friction ring may also radially expand with respect to one another. This considerably reduces shielding between the brake disk chamber and friction ring. The resulting advantages are lower brake noise, the reduction of brake-pad wear, and the reduction of microcracks in the friction ring caused by shielding. In particular, the reduction in microcracks results in a longer service life of the brake disk.

Please add the following new heading before paragraph [0017]:

BRIEF DESCRIPTION OF THE DRAWINGS

Please replace the heading after paragraph [0021] with the following amended heading:

Example DETAILED DESCRIPTION

In the Abstract

Please replace the Abstract as presented in the underlying International Application No. PCT/EP2003/004439 with the following amended Abstract:

ABSTRACT

The invention relates to a A method for the production of a brake disk (2) and a brake disk (2) which are characterized by the following features: several pairs of ~~inserted~~ bushings (8, 10) inserted into each other are placed into a core box. The core (14) is closed about the bushings (8, 10) in such a way that they form an integral component of the core (14). The core (14) is inserted into a casting tool and the brake disk is cast. After the core (14) is removed, the brake disk chamber (4) and the friction ring (6) are decoupled from each other and can expand in relation to each other without shielding the brake disk (2).